

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) A plasma picture screen ~~provided with~~ comprising:
_____ a front plate (1) ~~which comprises~~ that includes a transparent plate (3) on which a dielectric layer (4) and a protective layer (5) are provided, ~~with~~
_____ a carrier plate (2) ~~provided with~~ that includes a phosphor layer (10), with a ribbed structure (12) subdividing the space between the front plate (1) and the carrier plate (2) into plasma cells filled with a gas, ~~with~~
_____ one or several electrode arrays (6, 7, 11) on the front plate (1) and the carrier plate (2) for generating corona discharges in the plasma cells, and ~~with~~
_____ a powder layer (8) between the electrode arrays (6, 7) on the front plate (1) and the electrode arrays on the carrier plate (2).
2. (Currently amended) A ~~The~~ plasma picture screen ~~as claimed in~~ of claim 1, ~~characterized in that~~ wherein the powder layer (8) is provided on the protective layer (5).
3. (Currently amended) A ~~The~~ plasma picture screen ~~as claimed in~~ of claim 2, ~~characterized in that~~ wherein the powder layer (8) is provided in strip-shaped sections on the protective layer (5).
4. (Currently amended) A ~~The~~ plasma picture screen ~~as claimed in~~ of claim 3, ~~characterized in that~~ wherein the strip-shaped sections of the powder layer (8) are provided such that they each lie opposite ~~the~~ an intervening space between pairs of respective discharge electrodes (6, 7).

5. (Currently amended) A ~~The plasma picture screen as claimed in~~ of claim 1, characterized in that ~~the~~ wherein

the powder layer includes a composition of powder material and matrix material, and

a density of the powder layer (8) is $\leq 60\%$ of the ~~a~~ density of the powder material.

6. (Currently amended) A ~~The plasma picture screen as claimed in~~ of claim 1, characterized in that ~~wherein the powder layer (8) comprises~~ includes a material chosen from the group of dielectric materials and phosphors.

7. (New) The plasma picture screen of claim 1, wherein the powder layer includes a non-phosphor dielectric material.

8. (New) The plasma picture screen of claim 1, wherein the powder layer includes material that reflects UV radiation.

9. (New) The plasma picture screen of claim 1, wherein the powder layer includes material that emits UV radiation.

10. (New) The plasma picture screen of claim 9, wherein the powder layer includes a plurality of materials that each emit a different color of visible light.

11. (New) A plasma display comprising:

a front plate that includes a transparent plate on which a dielectric layer and a protective layer are provided,

a carrier plate that includes a phosphor layer, with a ribbed structure subdividing the space between the front plate and the carrier plate into plasma cells filled with a gas,

one or several electrode arrays on the front plate and the carrier plate for generating corona discharges in the plasma cells, and

a dielectric layer between the electrode arrays on the front plate and the electrode arrays on the carrier plate that extends into a region between the electrode arrays on the front plate and the electrode arrays on the carrier plate so as to affect a capacitance between the electrode arrays on the front plate and the electrode arrays on the carrier plate.

12. (New) The plasma display of claim 11, wherein

the dielectric layer includes strip-shaped segments that overlap at least a portion of the electrode arrays on the carrier plate.

13. (New) The plasma display of claim 11, wherein

the dielectric layer includes strip-shaped segments that overlap at least a portion of the electrode arrays on the front plate.

14. (New) The plasma display of claim 11, wherein

the dielectric layer includes a non-phosphor oxide.

15. (New) The plasma display of claim 11, wherein

the dielectric layer includes a powder.

16. (New) The plasma display of claim 11, wherein

the dielectric layer includes a material that reflects UV radiation.

17. (New) The plasma display of claim 11, wherein
the dielectric layer includes a material that emits UV radiation.
18. (New) The plasma display of claim 11, wherein
the dielectric layer includes a material that emits visible light.
19. (New) The plasma display of claim 11, wherein
the dielectric layer includes a first material that emits light of a first color and a
second material that emits light of a second color.
20. (New) The plasma display of claim 11, wherein
the dielectric layer exhibits an effective dielectric constant less than 5.